APPLIANCES

Life|ware defines the following as baseline functionality for appliances. We have attempted to note variations from this baseline in the products below.

Ovens: *Cooking method; temperature; duration; location of oven (top or bottom); off; on.*

TMIO® Intelligent Ovens™

www.tmio.com

Device	Oven
Model name	Connect[Io] Oven
Model number	PS302SS00
Connection	Ethernet

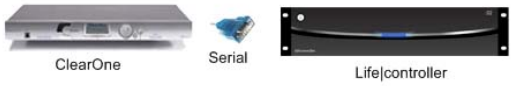
AUDIO

Life|ware defines the following as baseline functionality for audio routers. We have attempted to note variations from this baseline in the products below.

Balance left/right; bass down/up; set bass; set mute; set source; set source mute; set treble; set volume; treble down; treble up; volume down; volume up; zone off; zone on.

ClearOne®

www.clearone.com



Device	Audio Router
Model name	ClearOne Converge SR1212
Model number	SR1212
Connection	Serial

Netstreams®

www.netstreams.com

Device	Audio Router
Model name	Musica™ 4602
Model number	NS MU4602
Connection	Serial

Device	Audio Router
Model name	Musica ™ 5066
Model number	NS MU5066
Connection	Serial

Device	Audio System
Model name	DigiLinX
Model number	DigiLinX
Connection	CAT-5 Ethernet
Notes	This component is discoverable through Life|ware.

Niles®

www.nilesaudio.com

Device	Audio Router
Model name	IntelliControl ICS GXR2
Model number	GXR2
Connection	Ethernet
Notes	The GXR2 is supported as a router only. Additional cards are not supported.

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Device	Audio Router
Model name	Niles ZR-6
Model number	ZR-6
Connection	Serial
Notes	Integrated AM/FM tuner. Supported in Life|ware 2.0.5 or higher.

Device	Video Matrix
Model name	Niles VS-6
Model number	VS-6
Connection	Serial
Notes	Supported in Life|ware 2.0.5 or higher.

NuVo®

www.nuvotechnologies.com

Device	Audio Router
Model name	NuVo Grand Concerto
Model number	NV-I8GMS/NV-I8GXS
Connection	Serial

Device	Audio Router
Model name	NuVo Concerto
Model number	NV-I8DMS
Connection	Serial
Notes	The NuVo Concerto expansion kit is supported.

Device	Audio Router
Model name	NuVo Essentia
Model number	NV-E6DMS/NV-E6DXS
Connection	Serial
Notes	The NuVo Essentia expansion kit is supported.

Device	Audio Router
Model name	NuVo Essentia G
Model number	NV-E6G
Connection	Serial
Notes	In Life|ware 2.0.5, support for menus, audio zone, media player host on keypads using LCP.

Device	Audio Router
Model name	NuVo Simplese
Model number	NV-A4
Connection	Serial

Proficient®

www.proficientaudio.com

Device	Audio Router
Model name	Proficient M6
Model number	M6
Connection	Serial

Russound®

www.russound.com

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Device	Audio Router
Model name	Russound ACA-E5
Model number	ACA-E5
Connection	Serial

Device	Audio Router
Model name	Russound CAV 6.6
Model number	CAV 6.6
Connection	Serial
Supported features	Display metadata

Device	Audio Router
Model name	Russound CAS 4.4
Model number	CAS 4.4
Connection	Serial
Supported features	Display metadata

Device	Audio Router
Model name	Russound CAA 6.6
Model number	CAA 6.6
Connection	Serial

Device	Audio Router
Model name	Russound CAM 6.6
Model number	CAM 6.6
Connection	Serial
Notes	This component is discoverable through Life|ware.
Supported features	Display metadata.

Device	Audio Router
Model name	Russound CAM 6.6T
Model number	CAM 6.6T
Connection	Serial
Notes	This component is discoverable through Life|ware.
Supported features	Display metadata; control of internal tuner.

Device	Audio Router
Model name	Russound CAM 6.6X
Model number	CAM 6.6X
Connection	Serial
Notes	This component is discoverable through Life|ware.
Supported features	Display metadata; control of internal tuner.

SpeakerCraft®

www.speakercraft.com

Device	Audio Controller/Amplifier
Model name	SpeakerCraft MZC-66
Model number	MZC-66
Firmware version	2.2.4
Connection	Serial

Device	Audio Controller/Amplifier
Model name	SpeakerCraft MZC-88
Model number	MZC-88
Firmware version	2.2.4
Connection	Serial

Vaux Lattis™

www.vauxelectronics.com

Device	Audio Router
Model name	Vaux Lattis 400A
Model number	LE-400A
Connection	Serial

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Device	Audio Router
Model name	Vaux Lattis 800A
Model number	LE-800A
Connection	Serial

Device	Audio Router
Model name	Vaux Lattis 1600A
Model number	LE-1600A
Connection	Serial

A/V

Life|ware defines the following as baseline functionality for A/V devices. We have attempted to note variations from this baseline in the products below.

CD Players: *Change disc; clear commands; play; pause; stop; track up; track down; open; close; power (toggle); power on; power off; skip to the next disc; skip to the next higher numbered disc; skip to the next lower numbered disc; send the number key from the keypad; scan forward; scan in reverse; intro scan; shuffle mode; continue mode; fader; repeat track; get current state of device.*

DVD Players: *Change the camera angle; change disc; clear input data; go down one disc; skip to the next disc; go up one disc; step to next frame; step to next track; send selected keypad numeric value to the device; open/close device; pause the currently selected disc; play the currently selected disc; toggle power; turn power off; turn the power on; step to the previous frame; step to the previous track; activate random playback mode; activate repeat playback mode; scan forward through the loaded disc; scan reverse through the loaded disc; activate slow motion in a forward direction; activate slow motion in a reverse direction; stop playing the loaded disc; select next subtitle.*

Receivers: *Select auxiliary input; send a key-pad digit; use the CD or satellite CD input; use the DVD or laser disc input; use the media device or tape input; mute the sound; use the phono input; toggle the power; use the source input; select a test tone as the audio source; use the tuner as input; TV-satellite as input; use video 1/2/3 input; lower the volume one step; raise the volume one step; use digital tuning; cursor down/up/left/right command (for TV display if device supports it); turn on TV display if device supports it; select decoding mode for audio; select one of multiple frequency bands (typically this is the AM/FM band selector); tune the receiver up in frequency; tune the receiver down in frequency; power on/power off; toggle between auto and manual tuning; select the AM broadcast band; select the FM broadcast band; select the memory mode (used for programming preset channels); mute on/off; tune; tune to preset channel.*

Television: *Aspect ratio; aspect ratio select; adjust picture brightness down/up; select a specific brightness value; caption; caption select; channel down/up/select; color down/up/select; adjust contrast down/up; select a specific contrast value; adjust hue down/up; select a specific hue value; select input source; select a specific input; mute; mute off/on; send a keypad digit; toggle the power; power off/on; query the state of the IR device; recall the last channel that was selected; return/exit; sharpness down/up; select a specific sharpness value; sleep timer; select a sleep timer mode; volume down/up; select a specific volume; toggle the white screen state; white screen off/on; select guide; select menu; select info; select up/down/left/right/ok.*

Tuners: *Band select; tune up (go up one frequency); tune down (go down on frequency; select AM or FM broadcast band; select XM broadcast; select Sirius broadcast; tune to a given frequency.*

Audio Design Associates (ADA)

www.ada.net

ADA Suite 16

Serial

Life|controller

Device	A/V Matrix Switcher
Model name	ADA Suite 16
Model number	AVP-16
Connection	Serial or UDP

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AOMNI

www.aomni.com

Device	LCD TV*
Model name	26-inch High Definition LCD
Model number	HL-2610VQ
Connection	Serial

Device	LCD TV*
Model name	32-inch High Definition LCD
Model number	HL-3210V
Connection	Serial

Device	LCD TV*
Model name	40-inch High Definition LCD
Model number	HL-4010VQ
Connection	Serial

Device	LCD TV*
Model name	42-inch High Definition LCD
Model number	HL-4210V
Connection	Serial

Device	LCD TV*
Model name	50-inch High Definition LCD
Model number	HL-5000VP
Connection	Serial

Device	LCD TV*
Model name	60-inch High Definition LCD
Model number	HL-6000V
Connection	Serial

B&K

www.bkcomp.com

Device	Receiver/Router
Model name	Multizone Receiver
Model number	AVR507s2
Connection	Serial
Notes	This component is discoverable through Life|ware.

Device	Receiver/ Router
Model name	Multizone Receiver
Model number	CT 602
Connection	Serial
Notes	This component is discoverable through Life|ware.

Canon

www.usa.canon.com

Device	Projector
Model name	REALiS SX6 LCOS Projector
Model number	REALiS SX6
Connection	Serial

Device	Projector
Model name	REALiS SX80 LCOS Projector
Model number	REALiS SX80
Connection	Serial

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CyberHome™

IR Bug

Global Cache

Device	DVD player
Model name	CH-DVD 300
Model number	CH-DVD 300
Connection	IR to Global Cache

DirecTV®

www.directv.com

DirecTV Set-top Box

USB-to-Serial

Life|controller

Device	Set-top Box
Model name	Various
Model number	D10, D11, R15, H10, H20, HR20
Connection	USB-to-serial

Denon™

www.denon.com

IR Bug

Global Cache

Device	CD player
Model name	DCM-280
Model number	DCM-280
Connection	IR to Global Cache

Denon Audio Router

Cat 5

Life|controller

Device	Receiver/Router
Model name	Multizone Receiver
Model number	AVR 2308
Connection	Serial

Device	Receiver/Router
Model name	Multizone Receiver
Model number	AVR 3808
Connection	Serial or Ethernet

Device	Receiver/Router
Model name	Multizone Receiver
Model number	AVR 4306
Connection	Ethernet

Device	Receiver/Router
Model name	Multizone Receiver
Model number	AVR 4308CI
Connection	Ethernet or Serial

IR Bug

Global Cache

Device	Receiver
Model name	AVR 1705
Model number	AVR 1705
Connection	IR to Global Cache

Extron®

www.extron.com

Crosspoint 450

Ethernet or Serial

Life|controller

Note: These components are discoverable through Life|ware.

Device	Ultra-Wideband Matrix Switcher
Model name	Crosspoint 450 Plus Series
Model number	Crosspoint 450 Plus
Connection	Ethernet or Serial

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Device	Multi-Graphic Processor
Model name	Multi-Graphic Processor
Model number	MGP 464
Connection	Ethernet or Serial

Device	Integration Seamless Switcher
Model name	Integration Seamless Switcher 506
Model number	ISS 506
Connection	Ethernet or Serial

Device	Video and RGB Scaler
Model name	Digital Video Scaler 304
Model number	DVS 304 A
Connection	Ethernet or Serial

Device	4x2 Composite Video & Stereo Audio Switcher
Model name	MMX 42 AV Matrix Switcher
Model number	MMX 42 AV
Connection	Serial
Notes	The following Extron switchers are also certified: MMX 42 SVA* MMX 62 AV* MMX 62 SVA* MMX 62 AV RCA* MMX 62 SV RCA*

Device	12 Input Video and Audio Switcher
Model name	SW12 AV RCA Audio Switcher
Model number	60-483-31
Connection	Serial
Notes	The following Extron switchers are also certified: SW 12A* SW 4AV* SW 4AV RCA* SW 4SVA* SW 4SVA RCA* SW 6A* SW 6SVA* SW 6SVA RCA* SW 6A RCA*
	SW 6SV* SW 6V* SW8AV* SW 8AV RCA* SW 8SV* SW 8V*

Device	Two Input DVI w/ Stereo Audio Switcher
Model name	SW2 DVI Stereo Audio Switcher
Model number	SW2 DVI A
Connection	Serial
Notes	The following Extron switchers are also certified: SW4 DVI A*

Device	Four Input Stereo Audio MediaLink® Switcher
Model name	MLS 100 A Audio Switcher
Model number	MLS 100 A
Connection	Serial

Device	Three Input Composite Video with Four Input Stereo Audio MediaLink® Switcher
Model name	MLS 103 V Audio/Video Switcher
Model number	MLS 103 V
Connection	Serial

Device	Three Input S-Video with Four Input Stereo Audio MediaLink® Switcher
Model name	MLS 103 SV S-Video/Audio Switcher
Model number	MLS 103 SV
Connection	Serial

Device	Two Input VGA and Four Input Stereo Audio MediaLink® Switcher
Model name	MLS 102 VGA Stereo Audio Switcher
Model number	MLS 102 VGA
Connection	Serial

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Device	Four-Channel Volume and Tone Remote Audio Controller
Model name	RAC 104 Audio Controller
Model number	RAC 104
Connection	Serial

Device	16x16 VGA and Stereo Audio Matrix Switcher with ADSP™
Model name	MVX 1616 VGA and Audio Matrix Switcher
Model number	MVX 1616 VGA A
Connection	Serial
Notes	The following switchers are also certified: MVX 128 VGA A* MVX 1212 VGA A* MVX 168 VGA A* MVX 1616 VGA A*

Gefen

www.gefen.com

Device	HDTV Matrix
Model name	Gefen EXT-HDTV-444N - 4 x 4 HDTV Matrix
Model number	EXT-HDTV-444N
Firmware Version	3017
Connection	Serial
Notes	The following Gefen Matrix Switchers are also certified: 4x4 Component Matrix* 4x4 HDMI Matrix* 4x4 HDTV KVM Matrix* 4x4 DVI KVM Matrix* 4x4 DVI Matrix* 4x4 HDTV Matrix*

Device	Video Switcher
Model name	Gefen EXT-HDTV-444N - 4 x 4 HDTV Matrix
Model number	EXT-HDTV-444N
Firmware Version	3017
Connection	Serial

Device	HDMI Switcher
Model name	Gefen 4x1 HDMI Switcher
Model number	EXT-HDMI-441
Connection	Serial
Notes	The following Gefen Video Switchers are also certified: 4x1 HDMI switcher* 4x1 DVI switcher* 4x1 HDTV switcher* 4x1 HDMI 1.3 switcher* 8x1 HDMI switcher* 8x1 DVI switcher* 6x2 HDMI switcher* 4x2 HDMI switcher* 2x2 HDMI switcher* 4x1 HDMI switcher* 4x1 DVI switcher* 4x1 HDMI 1.3 switcher* 8x1 HDMI switcher* 8x1 DVI switcher* 6x2 HDMI switcher* 4x2 HDMI switcher* 2x2 HDMI switcher* 4x1 HDTV switcher*

Hewlett-Packard

www.hp.com

Device	Plasma TV
Model name	50-inch High Definition Plasma
Model number	HP PL5060N
Connection	Serial

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Device	Plasma TV
Model name	42-inch High Definition Plasma
Model number	HP PL4260N
Connection	Serial

Hitachi

www.hitachi.com

Device	Projector
Model name	CP-A100 3LCD projector
Model number	CP-A100
Connection	Ethernet
Notes	Works with Life|ware 2.0.5 or higher.

Integra

www.integrahometheater.com

Device	CD player
Model name	CDC 3.4
Model number	CDC 3.4
Connection	Serial

Device	DVD player
Model name	DPS 10.5 DVD Player
Model number	DPS 10.5 DVD Player
Connection	Serial

iPort ®

www.iportmusic.com

Device	Music player
Model name	iPort In-Wall
Model number	iPort IW
Connection	Serial

Kaleidescape

www.kaleidescape.com

Device	Video player (imported or DVD)
Model name	Kaleidescape 1080p Player
Model number	KPLAYER-6000
Connection	Serial or TCP

Device	Mini video player (imported or DVD)
Model name	Kaleidscape 1080p Mini Player
Model number	KPLAYER-300
Connection	Serial or TCP

KeyDigital®

www.keydigital.com

Note: These components are discoverable through Life|ware.

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Device	Video Switcher
Model name	KD-HDMI 2x4 Video Switcher
Model number	KD-HDMI 2x4
Connection	Serial

Device	Video Switcher
Model name	KD-HDMI4x1 Video Switcher
Model number	KD-HDMI4x1
Connection	Serial

Device	Audio Switcher
Model name	KD-MSA8X8 Audio Switcher
Model number	KD-MSA8X8
Connection	Serial

Device	Video Switcher
Model name	KD-MSV8X8 Video Switcher
Model number	KD-MSV8X8
Connection	Serial

Device	Video and Audio Switcher
Model name	KD-MSW8X4 Audio/Video Switcher
Model number	KD-MSW8X4
Connection	Serial

Device	Video and Audio Switcher
Model name	KD-VPHD3 Video Switcher
Model number	KD-VPHD3
Connection	Serial

LG

us.lge.com

Device	LCD TV*
Model name	26-inch High Definition LCD
Model number	LG 26LG30
Connection	Serial

Marantz®

www.marantz.com

Device	CD player
Model name	5 Disc CD Changer CC 4300
Model number	CC 4300
Connection	IR to Global Cache

Device	Receiver
Model name	Marantz SR9600 Receiver
Model number	SR9600
Connection	IR to Global Cache

Panasonic

www.panasonic.com

Device	Plasma TV*
Model name	50-inch High Definition Plasma
Model number	TH-50PH10UK
Connection	Serial

Device	Plasma TV*
Model name	103-inch High Definition Plasma
Model number	TH-103PF9UK
Connection	Serial

Peavey

www.peavey.com

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Device	Matrix Switcher
Model name	Peavey MediaMatrix
Model number	Various
Connection	Ethernet

Planar

www.planar.com

Planar Cube

RS-232

Life|controller

Device	Rear Projection Cube*
Model name	Planar Rear Projection Cube
Model number	C50RP
Connection	Serial

Device	Rear Projection Cube*
Model name	Planar Rear Projection Cube
Model number	C67RP
Connection	Serial

Polycom®

www.polycom.com

Polycom SR12

RS-232

Life|controller

Device	Amplifier
Model name	SoundStructure SR12
Model number	SR12
Connection	Serial or Ethernet

Russound®

www.russound.com

Russound ST2

RS-232

Life|Controller

Note: These components are discoverable through Life|ware.

Device	Audio Source
Model name	Russound ST2
Model number	ST2
Connection	Serial
Supported features	Send metadata; feedback.

Device	Audio Source
Model name	Russound ST2-S
Model number	ST2-S
Connection	Serial
Supported features	Send metadata; feedback.

Device	Audio Source
Model name	Russound ST2-XM
Model number	ST2-XM
Connection	Serial
Supported features	Send metadata; feedback.

Device	Audio Source
Model name	Russound ST2-XM2
Model number	ST2-XM2
Connection	Serial
Supported features	Send metadata; feedback.

Device	Video Switcher
Model name	Russound VM1
Model number	VM1
Connection	Rnet. Works only with the CAV6.6

Samsung™

www.samsung.com

IR Bug

Global Cache

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Device	Samsung TV
Model name	TVXX45
Model number	TVXX45
Connection	IR to Global Cache

Samsung TV

RS-232

Life|controller

Device	LCD TV (various sizes)
Model name	Samsung LN-TXX81F Series
Model number	LN-TXX812F (various)
Connection	Serial

Sharp®

www.sharpusa.com

Sharp TV

RS-232

Life|controller

Device	52” LCD TV
Model name	AQUOS® LC-52D92U
Model number	LC-52D92U
Connection	Serial

Device	46” LCD TV
Model name	Professional Large Format LCD PN-465U
Model number	PN-465U
Connection	Serial

Device	65” LCD TV
Model name	Professional Large Format LCD PN-655U
Model number	PN-655U
Connection	Serial

Sony™

www.sony.com

IR Bug

Global Cache

Device	CD player
Model name	CDP CD375
Model number	CDP CD375
Connection	IR to Global Cache

IR Bug

Global Cache

Device	Receiver
Model name	STR DE995
Model number	STR DE995
Connection	IR to Global Cache

CAMERAS

Life|ware defines the following as baseline functionality for a camera. We have attempted to note variations from this baseline in the products below.

Zoom in/out; pan left/right; tilt up/down; open/close iris; set pan target; set tilt target; set zoom target; get current state of device.

AXIS®

www.axis.com

Device	Network Camera
Model name	Axis 211 Network Camera
Model number	211
Connection	Ethernet
Supported features	Pan, power over Ethernet.

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Device	Network Camera
Model name	Axis 213 PTZ Network Camera
Model number	213 PTZ
Firmware Version	2.43
Connection	Ethernet
Supported features	Pan, tilt, zoom (26x).

Device	Web Camera Server
Model name	Axis 242S IV Video Server
Model number	242S
Firmware Version	3.13
Connection	Ethernet

Device	Web Camera Server
Model name	Axis 241 Q Video Server
Model number	241Q
Firmware Version	4.40
Connection	Ethernet

Channel Vision®

www.channelvision.com

Device	Web Camera Server
Model name	W4000
Model number	W4000
Connection	Ethernet

Greyfox Camera™

www.onqlegrand.com

Device	Web Camera Server
Model name	IP Video Server
Model number	F2295
Connection	Ethernet

Lumenera®

www.lumenera.com

Device	Network Camera
Model name	LE175
Model number	Lumenera LE175
Connection	Ethernet

Panasonic®

www.panasonic.com

Device	Network Camera
Model name	BB-HCM311A
Model number	BB-HCM311A
Firmware version	1.30
Connection	Ethernet
Supported features	Pan, tilt, zoom (10x).

Device	Network Camera
Model name	BB-HCM331A
Model number	BB-HCM331A
Firmware version	1.30
Connection	Ethernet
Supported features	Pan, tilt, zoom (10x).

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Device	Network Camera
Model name	BB-HCM371A
Model number	BB-HCM371A
Firmware version	1.30
Connection	Ethernet
Supported features	Pan, tilt, zoom (10x).

Device	Network Camera
Model name	BB-HCM381
Model number	BB-HCM381
Firmware version	1.30
Connection	Ethernet
Supported features	Pan, tilt, zoom (21x).

Device	Network Camera
Model name	BB-HCM381A
Model number	BB-HCM381A
Connection	Ethernet
Supported features	Pan, tilt, zoom (21x).

Device	Network Camera
Model name	BB-HCE481A
Model number	BB-HCE481A
Connection	Ethernet
Supported features	Pan, tilt, zoom (21x), power over Ethernet.

Device	Network Camera
Model name	BB-HCM511A
Model number	BB-HCM511A
Connection	Ethernet
Supported features	Pan, tilt, zoom (10x), power over Ethernet.

Device	Network Camera
Model name	BB-HCM515A
Model number	BB-HCM515A
Connection	Ethernet
Supported features	Pan, tilt, zoom (10x), power over Ethernet.

Device	Network Camera
Model name	BB-HCM531A
Model number	BB-HCM531A
Connection	Ethernet
Supported features	Pan, tilt, zoom (10x), power over Ethernet.

Device	Network Camera
Model name	BB-HCM580A
Model number	BB-HCM580A
Connection	Ethernet
Supported features	Pan, tilt, zoom (42x).

Device	Network Camera
Model name	BB-HCM581A
Model number	BB-HCM581A
Firmware version	3.21R00
Connection	Ethernet
Supported features	Pan, tilt, zoom (42x), power over Ethernet.

Device	Network Camera
Model name	BL-C111A
Model number	BL-C111A
Connection	Ethernet
Supported features	Pan, tilt, zoom (10x).

Device	Network Camera
Model name	BL-C131A
Model number	BL-C131A
Connection	Ethernet
Supported features	Pan, tilt, zoom (10x).

Device	Network Camera
Model name	BL-C20A
Model number	BL-C20A
Connection	Ethernet
Supported features	Pan, tilt, zoom (10x).

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Device	Network Camera
Model name	BL-C30
Model number	BL-C30
Firmware version	1.30
Connection	Ethernet
Supported features	Pan, tilt.

Device	Network Camera
Model name	BL-C30A
Model number	BL-C30A
Connection	Ethernet
Supported features	Pan, tilt.

Device	Network Camera
Model name	KX-HCM110A
Model number	KX-HCM110A
Firmware version	1.83
Connection	Ethernet
Supported features	Pan, tilt, zoom (10x).

Device	Network Camera
Model name	KX-HCM250
Model number	KX-HCM250
Connection	Ethernet

Device	Network Camera
Model name	KX-HCM280
Model number	KX-HCM280
Connection	Ethernet
Supported features	Pan, tilt, zoom (21x).

Device	Network Camera
Model name	KX-HCM280A
Model number	KX-HCM280A
Connection	Ethernet
Supported features	Pan, tilt, zoom (21x).

Device	Network Camera
Model name	Day/Night I-Pro Network PTZ Camera
Model number	WV-NS202A
Firmware version	2.10PA
Connection	Ethernet
Supported features	Pan, tilt, zoom (22x zoom lens with 10x digital zoom).

HVAC

Life|ware defines the following as baseline functionality for thermostats. We have attempted to note variations from this baseline in the products below.

Get cooling/heating setpoints (current, minimum, maximum); get current temperature; set cooling/heating setpoints; set fan operating mode; set user operating mode.

Aprilaire®

www.aprilaire.com

Note: This HVAC system is discoverable through Life|ware.

Device	HVAC component
Model name	Aprilaire 8818 Distribution Panel
Model number	8818
Connection	4 wire to Protocol Adapter

Device	Protocol Adapter
Model name	Aprilaire 8811 Protocol Adapter
Model number	8811
Connection	Serial

Device	Thermostat
Model name	Aprilaire 8870 Communicating Thermostat
Model number	8870
Connection	4 wire to Distribution Panel

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Honeywell™

www.customer.honeywell.com/enviracom

Device	Controller
Model name	EnviraZone Control Panel
Model number	W8835A 1004
Connection	CAT-5 or 3 wire to serial adapter

Device	Serial Adapter
Model name	Enviracom Serial Adapter
Model number	W8735A 1005
Connection	3 wire to Serial Adapter

Device	Thermostat
Model name	T8635L Microelectronic Communicating Programmable Thermostat
Model number	T8635L
Connection	CAT-5 or 3 wire to controller

Device	Thermostat
Model name	TH9421C Thermostat
Model number	TH9421C
Connection	CAT-5 or 3 wire to controller

RCS™

www.resconsys.com

Cat 5 or Cat 4
Cat 5 or Cat 4
RS-232
TR 40 or TR 16 Thermostat
Network Control Unit CommStar, TR 40 or TR 16
Serial Interface Unit
Life|controller

Device	Component
Model name	CommStar Network Control Unit
Model number	CS30/308
Connection	RS-232 Serial

Device	Component
Model name	Network Control Unit-TR40
Model number	TR 40
Connection	CAT-5 or 4 wire to serial int.

Device	Component
Model name	Network Control Unit-TR16
Model number	TR 16
Connection	CAT-5 or 4 wire to serial int.

Device	Component
Model name	Network Control Unit-ZCV2
Model number	ZCV2
Connection	CAT-5 or 4 wire to Lantronix device

Device	Serial Hub
Model name	RS485 to RS232 Serial Interface Unit
Model number	Various
Connection	Serial

Device	Thermostat
Model name	TS 16
Model number	TS 16
Connection	CAT-5 or 4 wire to CU

Device	Thermostat
Model name	TS 40
Model number	TS 40
Connection	CAT-5 or 4 wire to CU

Vantage Q™

Working with Vantage controller

www.vantagecontrols.com

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Device	Thermostat
Model name	Thermostat Station
Model number	Q-ETS
Connection	Vantage Bus Station

IR/RELAY CONTROL

Global Cache™

www.globalcache.com

Device	Contact Closure
Model name	Global Cache GC-100 Network Adapter
Model number	GC-100
Connection	Ethernet

Device	Contact Sensor
Model name	Global Cache GC-SC1
Model number	GC-SC1
Connection	Ethernet

LIGHTING SYSTEMS

Life|ware defines the following as baseline functionality for lighting devices. We have attempted to note variations from this baseline in the products below.

Dimmers: *Pause ramping; resume ramping; get current state of device; set the load level; start ramping down; start ramping up; load level target; stop ramp*.

Pushbuttons: *Activate; deactivate; push; query status; query state; get button state.*

Switches: *Query state; query switch level; set switch level.*

ACT® HomePro™ Wireless (Z-Wave™ lighting)

www.act-solutions.com

Device	Controller (USB)
Model name	Home Pro Computer Interface
Model number	ZCS 000
Connection	USB

Device	Controller (Serial)
Model name	Home Pro Computer Interface
Model number	ZCS 000
Connection	Serial

Device	Dimmer
Model name	Dimmer Plug In (ACT)
Model number	ZDP100
Connection	N/A

Device	Switch
Model name	Switch Plug In (ACT)
Model number	ZRP100
Connection	N/A

CentraLite

LiteJet, StarLite, JetStream, Elegance

www.centralite.com

Device	Controller
Model name	LiteJet Master Control Panel
Model number	CL24 MCP
Connection	Serial
Supported features	Feedback

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Device	Dimmer
Model name	LiteJet Dimmer
Model number	Various
Connection	N/A
Supported features	Feedback

Device	Push Button
Model name	LiteJet Wall Keypad
Model number	Various
Connection	N/A
Supported features	Feedback

Device	Controller
Model name	StarLite Master Control Panel
Model number	Various
Firmware version	01.04.00
Connection	Serial
Supported features	Feedback.

Device	Dimmer
Model name	StarLite Master Dimmer
Model number	Various
Connection	Serial
Supported features	Feedback

Device	Push Button
Model name	StarLite Master Push Button
Model number	Various
Connection	Serial
Supported features	Feedback.

Device	RS-232 Bridge
Model name	JetStream RS-232 Bridge
Model number	3155000
Firmware version	1.3
Connection	Serial
Supported features	Feedback.

Device	Dimmer
Model name	JetStream Dimmer
Model number	3385001 (1 button dimmer) 3385003 (3 button dimmer)
Firmware version	1.6
Connection	Wireless
Supported features	Feedback

Device	Lamp Module
Model name	JetStream Lamp Module
Model number	4255050
Connection	Wireless
Supported features	Feedback

Device	Tabletop Controller
Model name	JetStream Eight Button Tabletop Controller
Model number	42255008
Connection	Wireless
Supported features	Feedback.

Device	Car Remote
Model name	JetStream Car Remote
Model number	4255003
Connection	Wireless
Supported features	Feedback.

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Device	Controller
Model name	Elegance Master Control Panel
Model number	Various
Connection	Serial

Cooper *Wireless (Z-Wave™ lighting)*

www.cooperlighting.com

Note: This lighting system is discoverable through Life|ware.

Device	Controller (USB)
Model name	Aspire RF USB Controller
Model number	RFUSB
Connection	USB
Supported features	Feedback.

Device	Duplex Receptacle
Model name	Full Control Duplex Receptacle
Model number	RF9505WS
Connection	N/A
Supported features	Feedback.

Device	Wireless Dimmer
Model name	RF Smart Dimmer
Model number	RF9534, RF9536, RF9542-Z
Connection	N/A
Supported features	Feedback.

Device	Master Dimmer
Model name	RF Smart Dimmer System Master
Model number	RF9534WS
Connection	N/A
Supported features	Feedback.

Device	Wireless Switch
Model name	Aspire RF 15A Switch
Model number	RF9501
Connection	N/A
Supported features	Feedback.

Enttec *DMX*

www.enttec.com

Device	Controller (USB)
Model name	Enttec DMX USB Pro
Model number	DMX USB Pro
Connection	USB
Supported features	Feedback.

Intermatic®

Home Settings (Z-Wave products)

www.intermatic.com

Note: This lighting system is discoverable through Life|ware.

Device	Dimmer
Model name	Dimmer Intermatic
Model number	Various
Connection	N/A
Supported features	Feedback.

Device	Switch
Model name	Switch Intermatic
Model number	Various
Connection	N/A
Supported features	Feedback.

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Leviton®

Wireless (Z-Wave™ lighting), Vizia RF, Vizia RF+

www.leviton.com

Note: This lighting system is discoverable through Life|ware.

Device	Dimmer
Model name	Zwave Compatible Dimmer
Model number	RZ106
Connection	N/A

Device	Lamp Module
Model name	Zwave Compatible Lamp Module
Model number	RZP03
Connection	N/A

Device	Appliance Module
Model name	Zwave Compatible Appliance Module
Model number	RZP15
Connection	N/A

Vizia RF

Device	Vizia RF Basic Programmer
Model name	Vizia RF basic programmer for installation and control.
Model number	RZCPG-BSG
Connection	N/A

Device	Vizia RF Dimming Controller
Model name	Vizia RF 1-Zone Dimming Controller/Matching Dimming Remote 3-way Controller for multi-location control.
Model number	RZCZ1-1LX
Connection	N/A

Device	Vizia RF Scene Controller
Model name	Vizia RF 1-Scene Controller/ Matching Switch Remote Controller for multi-location control.
Model number	RZCS1-1LX
Connection	N/A

Device	Vizia RF Zone Controller
Model name	Vizia RF 120VAC, 60Hz 4-Zone Controller for multi-location control with IR remote capability.
Model number	RZCZ4-1LX
Connection	N/A

Device	Vizia RF Plug-in Serial Interface Module
Model name	Vizia RF Plug-in Serial Interface Module RS232 ASCII to Z-wave interface 120VAC, 60Hz.
Model number	RZC0P-1LW
Connection	N/A

Device	Vizia RF IR Remote Controller
Model name	Vizia RF IR Remote Controller for control of Vizia RF IR compatible devices.
Model number	RZMR1-OSG
Connection	N/A

Device	Vizia RF Lamp Dimming Module
Model name	Vizia RF 300W Scene Capable Plug-In Lamp Dimming Module.
Model number	RZP03-1LW
Connection	N/A

Device	Vizia RF Appliance Module
Model name	Vizia RF 15A Scene Capable Plug-In Appliance Module
Model number	RZP15-1LW
Connection	N/A

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Device	Vizia RF Switch
Model name	Vizia RF 15A 120VAC Scene Capable Switch
Model number	RZS15-1LX
Connection	N/A

Device	Vizia RF Dimmer
Model name	Vizia RF 600W 120VAC Incandescent Scene Capable Dimmer
Model number	RZ106-1LX
Connection	N/A

Device	Vizia RF Scene Controller
Model name	Vizia RF 120VAC, 60Hz 4-Scene Controller
Model number	RZCS4-1LX
Connection	N/A

Vizia RF +

Device	Vizia RF+ Scene Controller
Model name	Vizia RF + 1-Button Scene Controller/Virtual Switch Remote 3-way RF Controller for multi-location control, with LED locator.
Model number	VRCS1-1LX
Connection	N/A

Device	Vizia RF+ Scene Controller
Model name	Vizia RF + 4-Button Scene Controller for Multi-Location Scene Control with IR Remote Capability.
Model number	VRCS4-1LX
Connection	N/A

Device	Vizia RF+ Zone Dimmer
Model name	Vizia RF + 1-Button Zone Dimming Controller/Virtual Dimming Remote 3-way RF Controller.
Model number	VRCZ1-1LX
Connection	N/A

Device	Vizia RF+ Zone Controller
Model name	Vizia RF + 4-Button Zone Controller for Multi-Location Control with IR Remote Capability.
Model number	VRCZ4-1LX
Connection	N/A

Device	Vizia RF+ Dimmer
Model name	Vizia RF + 600W Electronic Low Voltage Scene Capable Dimmer
Model number	VRE06-1LX
Connection	N/A

Device	Vizia RF+ Fan Controller
Model name	Vizia RF + 1.5A Scene Capable Quiet Fan Speed Control
Model number	VRF01-1LX
Connection	N/A

Device	Vizia RF+ Dimmer
Model name	Vizia RF + 600W Incandescent Scene Capable Dimmer
Model number	VR106-1LX
Connection	N/A

Device	Vizia RF+ Switch
Model name	Vizia RF + 5A Incandescent Scene Capable Switch
Model number	VRS05-1LX
Connection	N/A

Device	Vizia RF+ Switch
Model name	Vizia RF + 15A Scene Capable Switch
Model number	VRS15-1LX
Connection	N/A

LiteTouch®

www.litetouch.com

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Device	Controller
Model name	LiteTouch 5000LC CCU
Model number	08-5000-00
Connection	Serial
Supported features	Feedback.

Device	Dimmer
Model name	8 Channel Dimmer Module
Model number	[08-2108-01: 08-2108-03]
Connection	Cat-5

Device	Push Button
Model name	8 Channel Relay Module
Model number	[08-2208-01: 08-2208-02]
Connection	Cat-5

Lutron®

HomeWorks® 4, 8 series

www.lutron.com

Device	Controller
Model name	4 Series processor or radio controller
Model number	H4P5-RFP-2P
Firmware Version	01.24.00 T5
Connection	Serial
Supported features	Feedback.

Device	Controller *
Model name	8 Series processor or radio controller
Model number	H8P5-RFP-2P
Firmware Version	01.24.00 T5
Connection	Serial
Supported features	Feedback

Device	Button
Model name	Maestro Button
Model number	Various
Connection	Lutron 4 wire to HW proc.

Device	Dimmer
Model name	Maestro Dimmer
Model number	Various
Connection	Lutron 4 wire to HW proc.

RadioRA® Chronos™ RA-SBT-CHR and RA-RS232

Device	Controller
Model name	RadioRA RS 232 Interface
Model number	RA-RS232
Connection	Serial

Device	Controller
Model name	RA Chronos
Model number	RA-SBT-CHR
Connection	Serial

Device	Dimmer
Model name	Radio RA Dimmers
Model number	Various
Connection	RF to Radio RA proc.

Device	Phantom
Model name	N/A
Model number	N/A
Connection	On the processor

GRAFIKEye 3000 Series

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Device	Controller
Model name	GRAFIK Eye 3000
Model number	Various
Connection	Serial

GRAFIK 6000 Series

Device	Controller
Model name	6000 Series
Model number	Various
Connection	Serial

On-Q/Legrand®

Advanced Lighting Controls (ALC), C Learning Interface

www.onqlegrand.com

Device	Scene Controller
Model name	ALC OnQ Basic Scene Controller
Model number	364644-01
Firmware Rev	1.18
Connection	Ribbon cable to dist. module

Device	Expansion Module
Model name	ALC OnQ Lighting Expansion Module
Model number	364726-01
Connection	CAT-5 to controller

Device	Distribution Module
Model name	ALC Distribution Module
Model number	364646-01
Connection	Serial
Supported features	Feedback

Device	Button
Model name	ALC Push Button Module
Model number	364720, 364355
Connection	CAT-5 or 2 wire to dist. module

Device	Dimmer
Model name	ALC Dimmer Module
Model number	363143, 364335
Connection	CAT-5 or 2 wire to dist. module

Smarthome

Insteon™ Serial and USB lighting products

www.smarthome.com

Note: The Smarthome components are discoverable.

Device	USB Controller
Model name	PowerLinc V2 Controller (USB)
Model number	2414 U
Firmware Rev	2.0
Connection	USB
Supported features	Feedback.

Device	Serial Controller
Model name	PowerLinc V2 Controller (Serial)
Model number	2414 S
Firmware Rev	1.9
Connection	Serial
Supported features	Feedback.

Device	Serial Controller
Model name	Power Line Modem (Serial)
Model number	2412 S
Firmware Rev	6.2 and up
Connection	Serial
Supported features	Feedback

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Device	Access Point
Model name	Insteon Access Point
Model number	2443
Connection	Wireless RF (can replace SignalLincRF)

Device	Switch
Model name	Appliance Linc V2 Relay (3 pin)
Model number	2456S3
Connection	PLC

Device	Switch
Model name	SwitchLinc V2 Relay
Model number	2476S
Connection	PLC

Device	Dimmer
Model name	LampLinc V2 Dimmer (2-pin)
Model number	2456D2
Connection	PLC

Device	Dimmer
Model name	LampLinc V2 Dimmer (3 pin)
Model number	2456D3
Connection	PLC

Device	Outlet Receptacle
Model name	OutletLinc
Model number	2473
Connection	PLC

Device	Dimmer
Model name	SwitchLinc V2 Dimmer
Model number	2476D
Connection	PLC (serial or USB)

Device	Keypad
Model name	KeypadLinc V2 Dimmer
Model number	2486D
Connection	PLC
Notes	Only the ON and OFF buttons on the KeypadLinc Dimmer can be controlled through Life|ware. Other KeypadLinc buttons must be programmed and controlled per the INSTEON documentation.

Device	Dimmer with relay
Model name	KeypadLinc Relay
Model number	2486S
Connection	PLC

Vantage Q™

www.vantagecontrols.com

Note: The Vantage components are discoverable.

Device	Controller (Serial)
Model name	C-Box
Model number	CW1000, CR1000 + RF
Firmware Version	7.89
Connection	Serial
Supported features	Feedback.

Device	Dimmer
Model name	Standard Dimmer Module
Model number	MDS8RW101/201
Connection	N/A

Device	Push Button
Model name	Scene Point Module
Model number	Various
Connection	Vantage Station Bus

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Device	Station Dimmer
Model name	Station Dimmer Module
Model number	Various
Connection	Vantage Station Bus

Device	Station Switch
Model name	Relay Module
Model number	Various
Connection	Vantage Station Bus

Device	Switch
Model name	Relay Module
Model number	Various
Connection	Vantage Station Bus

Device	Controller (Ethernet)
Model name	Master Controller
Model number	MC
Connection	Ethernet
Supported features	Feedback

MOTORIZED MOUNTS

Life|ware defines the following as baseline functionality for motorized mounts. We have attempted to note variations from this baseline in the products below.

Move the mount to the home position; move to/set memory position; power off; power on; tilt up/down/left/right; stop tilting.

K2 Mounts

www.k2mounts.com

XArm Motorized Mount backed by CLO Systems

Device	Motorized Mount
Model name	Clo Systems XArm
Model number	CLO XARM
Connection	Serial

NETWORK ADAPTER

Global Cache™

www.globalcache.com

Device	Contact Closure
Model name	Global Cache GC-100 Network Adapter
Model number	GC-100
Connection	Ethernet

SHADES

Life|ware defines the following as baseline functionality for shades. We have attempted to note variations from this baseline in the products below.

Query the shade for its current position; query state; set the shade target; step up; step down; open shade; close shade; stop shade.

Lutron®

www.lutron.com

Device	Shade
Model name	Sivoia QED
Model number	SVQ-EDU-30
Connection	Lutron 4 wire to HW proc.
Supported features	Feedback.

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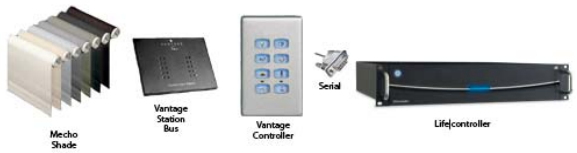
MechoShade®

Works with Vantage controller

www.mechoshade.com



Device	Shade
Model name	Mecho Electroshade
Model number	Electro/1, 2 and 3
Connection	HV/LV Relay

Somfy

www.somfy.com

Device	Somfy RF Controller
Model name	Universal RTS (Radio Technology Somfy) Interface
Model number	RTS
Connection	Serial

Device	Somfy Wired Controller
Model name	MultiLink SnapTrack
Model number	MultiLink SnapTrack
Connection	Serial

Device	Wired Shade Controller
Model name	RS 232 Interface
Model number	RS 232 Interface
Connection	Serial

Device	Shade Motor
Model name	Glystro
Model number	Various
Connection	HV/LV Relay

Techniku® *(Z-Wave product)*

www.techniku.com

Device	Techniku Shade Motor
Model name	Lift/Tilt LR900
Model number	LR900
Connection	RF

Device	Techniku Shade
Model name	TRF2-US
Model number	TRF2-US
Connection	RF

Device	Techniku Shade
Model name	364001
Model number	364001
Connection	RF (works ONLY with Leviton Vizia controllers)
Notes	Certified for Life|ware 2.0.5 or higher.

Vantage Q™

www.vantagecontrols.com

Device	3 Button Shade (*Firmware 7.8*)
Model name	Somfy or Mecho
Model number	Various
Connection	Vantage Station Bus

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Device	Shade
Model name	Mecho Electroshade
Model number	Electro/1, 2 and 3
Connection	Vantage Station Bus

Device	Shade
Model name	Glystro (Somfy)
Model number	Various
Connection	HV/LV Relay

SECURITY

Life|ware defines the following as baseline functionality for an alarm. We have attempted to note variations from this baseline in the products below.

Arm; disarm; send panic messages; bypass/unbypass zone; get current state of a zone or partition; reset smoke detectors; set chime mode.

DSC®

DSC PowerSeries™ 2

www.dsc.com

Device	Alarm system
Model name	Power Series PC5020 Control Panel
Model number	PC5020
Connection	Serial
Supported features	Feedback.

Device	Alarm system
Model name	Power Series 1616, 1832, or 1864 Control Panel with IT-120 DPWS integration module
Model number	PC1616, 1832, or 1864 (control panel) IT-120 (DPWS integration module) PK5500 (keypad)
Connection	Cat-5e or CAT 6 to network switch
Supported features	Feedback.

Honeywell™

Apex 6100

www.security.honeywell.com/

Device	Alarm system
Model name	Apex 6100
Model number	Apex 6100
Connection	Serial
Supported features	Feedback.

Device	Alarm keypad
Model name	RK36
Model number	RK36
Connection	CAT-5 or 5 wire to panel

GE®

www.geindustrial.com/ge-interlogix

Note: The GE components are discoverable.

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Device	Alarm system
Model name	NX-8E Control Panel
Model number	NX-8E
Connection	Serial
Supported features	Feedback

Device	Alarm keypad
Model name	NX-1448E Keypad
Model number	NX-1448E
Connection	CAT-5 or 4 wire to panel

Weather

NOAA

www.nws.noaa.gov

Device	Weather
Model name	Experimental National Digital Forecast Database
Model number	ND FD
Connection	XML Web service

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